



IFW

Attorney's Docket No. 42P16680
Confirmation No.: 9123

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Justin K. Brask, et al.

Application No.: 10/750,061

Filed: December 30, 2003

For: NONPLANAR TRANSISTOR WITH
METAL GATE ELECTRODES

Examiner: Lindsay Jr., Walter
Lee

Art Unit: 2812

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications). It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to MS: Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 29, 2005
(Date of Deposit)

Dianne Neathery

(Typed or printed name of person mailing correspondence)

Dianne Neathery

(Signature of person mailing correspondence)

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

_____ 37 C.F.R. §1.97(b).

 X 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

 X A statement pursuant to 37 C.F.R. §1.97(e) or

_____ A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

_____ 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:


- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
- (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: March 29, 2006


Michael A. Bernadicou
Reg. No. 35,934

12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025
(408) 720-8300

Attorney's Docket No. 42P16680
Confirmation No.: 9123

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of:

Justin K. Brask, et al.

Application No.: 10/750,061

Filed: December 30, 2003

For: NONPLANAR TRANSISTOR WITH
METAL GATE ELECTRODES

Examiner: Lindsay Jr., Walter Lee

Art Unit: 2812

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

STATEMENT UNDER 37 C.F.R. §1.97(e)

Sir:

I hereby certify (as indicated by an "X" to the left of the appropriate paragraph):

 X That each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 29, 2006.
(Date of Deposit)

Dianne Neathery

(Typed or printed name of person mailing correspondence)


Dianne Neathery 3/29/06
(Signature of person mailing correspondence)

That no item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned attorney after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three months prior to the filing the Information Disclosure Statement.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: March 29, 2006


Michael A. Bernadicou
Reg. No. 35,934

12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025
(408) 720-8300



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/750,061
Filing Date	December 30, 2003
First Named Inventor:	Justin K. Brask, et al.
Art Unit	2812
Examiner Name	Lindsay Jr., Walter Lee
Attorney Docket No.:	42P16680

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)				
		US-	2003/0122186 A1	07-03-2003	Sekigawa et al.	
		US-	2003/0151077 A1	08-14-2003	Mathew et al.	
		US-	2004/0036118 A1	02-26-2004	Adadeer et al.	
		US-	2004/0092062 A1	05-13-2004	Ahmed et al.	
		US-	2004/0092067 A1	05-13-2004	Hanafi et al.	
		US-	2004/0110097 A1	06-10-2004	Ahmed et al.	
		US-	2004/0126975 A1	07-01-2004	Ahmed et al.	
		US-	2005/0145941	07-07-2005	Bedell et al.	
		US-	6,764,884 B1	07-20-2004	Yu et al.	
		US-	6,921,982	07-26-2005	Joshi et al.	
		US-	6,562,665 B1	05-13-2003	Yu, Bin	
		US-	6,475,890 B1	11-05-2002	Yu, Bin	
		US-	2004/094807 A1	05-20-2004	Chau et al.	
		US-	5,338,959 A	08-16-1994	Kim et al.	
		US-	6,706,571 B1	03-16-2004	Yu et al.	
		US-	5,563,077 A	10-08-1996	Ha et al.	
		US-	2004/262699 A1	12-30-2004	Rios et al.	
		US-	2005/127362 A1	06-16-2005	Zhang et al.	
		US-	2004/191980 A1	09-30-2004	Rios et al.	
		US-	2002/166838 A1	11-14-2002	Nagarajan, R.	
		US-	2004/0198003 A1	10-07-2004	Yeo et al.	
		US-	2004/0166642 A1	08/26/2004	Chen et al.	
		US-	2004/0036127 A1	02/26/2004	Chau et al.	
		US-	2004/0238887 A1	12-02-2004	Nihey	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

Examiner
Signature

Date Considered

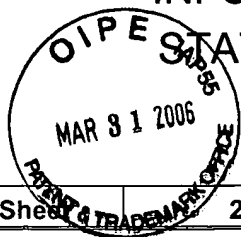
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer,

Substitute for Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/750,061
Filing Date	December 30, 2003
First Named Inventor:	Justin K. Brask, et al.
Art Unit	2812
Examiner Name	Lindsay Jr., Walter Lee
Attorney Docket No.:	42P16680

Sheet 2

of

3

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		WO 2004/059726 A1	07-15-2004	IBM Corporation		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		International Search Report PCT/US2005/033439, mailed 1/31/2006 (7 pgs.)	
		International Search Report PCT/US2005/035380, mailed 2/13/2006 (14 pgs.)	
		International Search Report PCT/US2005/037169, mailed 2/23/2006 (11 pgs.)	
		SUNG MIN KIM, et al., "A Novel Multi-channel Field Effect Transistr (McFET) on Bulk Si for High Performance Sub-80nm Application, IEDM 04-639, 2004 IEEE, pgs. 27.4.1-27.4.4	
		YANG-KYU CHOI, et al., "A Spacer Patterning Technology for Nanoscale CMOS" IEEE Transactions on Electron Devices, Vol. 49, No. 3, March 2002, pgs. 436-441	
		W. XIONG, et al., "Corner Effect in Multiple-Gate SOI MOSFETs" 2003 IEEE, pgs. 111-113	
Examiner Signature		Date Considered	

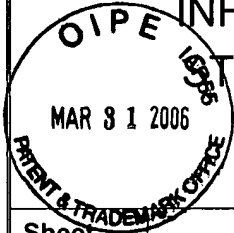
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for Form 1449/PTO



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/750,061
Filing Date	December 30, 2003
First Named Inventor:	Justin K. Brask, et al.
Art Unit	2812
Examiner Name	Lindsay Jr., Walter Lee
Attorney Docket No.:	42P16680

Sheet **3** of **3****NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		WEIZE XIONG, et al., "Improvement of FinFET Electrical Characteristics by Hydrogen Annealing" IEEE Electron Device Letters, Vol. 25, No. 8, August 2004, XP-001198998, pgs. 541-543	
		FU-LIANG YANG, et al., "5nm-Gate Nanowire FinFET" 2004 Symposium on VLSI Technology Digest of Technical Papers, 2004 IEEE, pgs. 196-197	

Examiner
SignatureDate
Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.